

## AMENDMENTS

Please enter the following amendments to the claims.

Claims 1-44. Cancelled.

Claim 45. (Currently amended). A method of making an ~~An~~ antibody to an antigen, ~~obtained by a method~~ comprising the steps of:

(a) producing a V<sub>H</sub>-coding library and a V<sub>L</sub>-coding library, by a method comprising the steps of:

(i) providing a polynucleotide containing composition that comprises a plurality of different V<sub>H</sub>-coding sequences and V<sub>L</sub>-coding sequences;

(ii) adding to said composition a first V<sub>H</sub> primer and a first V<sub>L</sub> primer wherein said first primers are capable of hybridizing to first conserved nucleotide sequences substantially adjacent to a plurality of V<sub>H</sub>-coding and V<sub>L</sub>-coding sequences respectively present in said composition, and a second V<sub>H</sub> primer and a second V<sub>L</sub> primer wherein said second primers are capable of hybridizing to second conserved nucleotide sequences downstream of and on the complementary strand to said first conserved nucleotide sequences respectively; and

(iii) amplifying V<sub>H</sub> and V<sub>L</sub> coding sequences to obtain a V<sub>H</sub> and a V<sub>L</sub> coding library;

(b) ligating V<sub>H</sub>-coding sequences from said V<sub>H</sub>-coding gene library and V<sub>L</sub>-coding sequences from said V<sub>L</sub>-coding gene library into expression vectors;

(c) transforming a host cell with said expression vectors so that an antibody is produced by coexpression of a V<sub>H</sub>-coding sequence from said V<sub>H</sub>-coding library and a V<sub>L</sub>-coding sequence from said V<sub>L</sub>-coding library, either on the same or different expression vectors; and

(d) isolating an antibody produced by said host cell and testing the specificity of the antibody for said antigen.

Claim 46. (Currently amended). The method of ~~An antibody according to~~ claim 45, wherein the source of said plurality of V<sub>H</sub>-coding and V<sub>L</sub>-coding sequences is rearranged B cells collected from an animal immunised with said antigen.

Claim 47. (New). The method of claim 45, wherein said V<sub>H</sub>-coding sequences and V<sub>L</sub>-coding sequences are human V<sub>H</sub>- and V<sub>L</sub>- coding sequences.